

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071118AR\  
 Data File : FD024975.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Jul 2018 13:17  
 Sample : J3879-15RE  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.232       | 4.202        | 4.250      | BV       | 1569           | 16249        | 0.24%          | 0.024%        |
| 2         | 4.268       | 4.250        | 4.285      | VV       | 2721           | 22921        | 0.33%          | 0.033%        |
| 3         | 4.302       | 4.285        | 4.316      | PV       | 758            | 7754         | 0.11%          | 0.011%        |
| 4         | 4.332       | 4.316        | 4.358      | VV       | 1670           | 20475        | 0.30%          | 0.030%        |
| 5         | 4.375       | 4.358        | 4.407      | VV       | 1635           | 22023        | 0.32%          | 0.032%        |
| 6         | 4.438       | 4.407        | 4.477      | VV       | 1158           | 21715        | 0.32%          | 0.032%        |
| 7         | 4.488       | 4.477        | 4.501      | VV       | 400            | 4281         | 0.06%          | 0.006%        |
| 8         | 4.517       | 4.501        | 4.546      | VV       | 520            | 7164         | 0.10%          | 0.010%        |
| 9         | 4.579       | 4.546        | 4.591      | VV       | 1118           | 19284        | 0.28%          | 0.028%        |
| 10        | 4.607       | 4.591        | 4.627      | VV       | 1692           | 20026        | 0.29%          | 0.029%        |
| 11        | 4.647       | 4.627        | 4.665      | VV       | 1337           | 18212        | 0.27%          | 0.027%        |
| 12        | 4.683       | 4.665        | 4.691      | VV       | 1751           | 18076        | 0.26%          | 0.026%        |
| 13        | 4.697       | 4.691        | 4.719      | VV       | 1581           | 14439        | 0.21%          | 0.021%        |
| 14        | 4.728       | 4.719        | 4.742      | VV       | 419            | 4684         | 0.07%          | 0.007%        |
| 15        | 4.757       | 4.742        | 4.773      | VV       | 755            | 8213         | 0.12%          | 0.012%        |
| 16        | 4.788       | 4.773        | 4.802      | VV       | 459            | 5401         | 0.08%          | 0.008%        |
| 17        | 4.815       | 4.802        | 4.847      | VV       | 504            | 7661         | 0.11%          | 0.011%        |
| 18        | 4.869       | 4.847        | 4.896      | PV       | 2013           | 30902        | 0.45%          | 0.045%        |
| 19        | 4.916       | 4.896        | 4.933      | VV       | 8689           | 83317        | 1.21%          | 0.122%        |
| 20        | 4.945       | 4.933        | 4.964      | VV       | 2700           | 26214        | 0.38%          | 0.038%        |
| 21        | 4.994       | 4.964        | 5.016      | VV       | 2809           | 34330        | 0.50%          | 0.050%        |
| 22        | 5.057       | 5.016        | 5.069      | VV       | 1104           | 20094        | 0.29%          | 0.029%        |
| 23        | 5.086       | 5.069        | 5.119      | VV       | 6239           | 69945        | 1.02%          | 0.102%        |
| 24        | 5.137       | 5.119        | 5.159      | VV       | 1431           | 23048        | 0.34%          | 0.034%        |
| 25        | 5.180       | 5.159        | 5.205      | VV       | 30421          | 290463       | 4.23%          | 0.424%        |
| 26        | 5.213       | 5.205        | 5.244      | VV       | 1223           | 17176        | 0.25%          | 0.025%        |
| 27        | 5.267       | 5.244        | 5.279      | VV       | 3311           | 35846        | 0.52%          | 0.052%        |
| 28        | 5.295       | 5.279        | 5.339      | VV       | 8591           | 93842        | 1.37%          | 0.137%        |
| 29        | 5.373       | 5.339        | 5.389      | VV       | 393            | 8893         | 0.13%          | 0.013%        |
| 30        | 5.397       | 5.389        | 5.418      | VV       | 338            | 5473         | 0.08%          | 0.008%        |
| 31        | 5.450       | 5.418        | 5.468      | VV       | 1432           | 20638        | 0.30%          | 0.030%        |
| 32        | 5.480       | 5.468        | 5.497      | VV       | 911            | 9999         | 0.15%          | 0.015%        |
| 33        | 5.544       | 5.497        | 5.553      | VV       | 2041           | 27252        | 0.40%          | 0.040%        |
| 34        | 5.564       | 5.553        | 5.582      | VV       | 2150           | 25816        | 0.38%          | 0.038%        |
| 35        | 5.597       | 5.582        | 5.616      | VV       | 2229           | 23788        | 0.35%          | 0.035%        |
| 36        | 5.635       | 5.616        | 5.652      | VV       | 1653           | 17687        | 0.26%          | 0.026%        |

| rteres.txt |       |       |       |    |        |         |         |         |
|------------|-------|-------|-------|----|--------|---------|---------|---------|
| 37         | 5.685 | 5.652 | 5.696 | VV | 600    | 10465   | 0.15%   | 0.015%  |
| 38         | 5.721 | 5.696 | 5.744 | VV | 8358   | 110526  | 1.61%   | 0.161%  |
| 39         | 5.754 | 5.744 | 5.787 | VV | 1039   | 21897   | 0.32%   | 0.032%  |
| 40         | 5.806 | 5.787 | 5.834 | VV | 34587  | 323286  | 4.71%   | 0.472%  |
| 41         | 5.866 | 5.834 | 5.894 | VV | 2119   | 42031   | 0.61%   | 0.061%  |
| 42         | 5.907 | 5.894 | 5.931 | VV | 538    | 8832    | 0.13%   | 0.013%  |
| 43         | 5.978 | 5.931 | 6.014 | VV | 2413   | 46957   | 0.68%   | 0.069%  |
| 44         | 6.028 | 6.014 | 6.037 | VV | 592    | 6536    | 0.10%   | 0.010%  |
| 45         | 6.093 | 6.037 | 6.123 | VV | 1641   | 43742   | 0.64%   | 0.064%  |
| 46         | 6.170 | 6.123 | 6.186 | VV | 1275   | 28495   | 0.42%   | 0.042%  |
| 47         | 6.198 | 6.186 | 6.227 | VV | 1048   | 19602   | 0.29%   | 0.029%  |
| 48         | 6.250 | 6.227 | 6.311 | VV | 4452   | 65112   | 0.95%   | 0.095%  |
| 49         | 6.329 | 6.311 | 6.344 | VV | 505    | 7820    | 0.11%   | 0.011%  |
| 50         | 6.358 | 6.344 | 6.379 | VV | 704    | 10003   | 0.15%   | 0.015%  |
| 51         | 6.396 | 6.379 | 6.426 | VV | 674    | 10932   | 0.16%   | 0.016%  |
| 52         | 6.442 | 6.426 | 6.466 | VV | 604    | 7549    | 0.11%   | 0.011%  |
| 53         | 6.497 | 6.466 | 6.509 | VV | 1328   | 14793   | 0.22%   | 0.022%  |
| 54         | 6.521 | 6.509 | 6.544 | VV | 1260   | 12236   | 0.18%   | 0.018%  |
| 55         | 6.575 | 6.544 | 6.608 | PV | 691    | 17904   | 0.26%   | 0.026%  |
| 56         | 6.639 | 6.608 | 6.669 | VV | 1804   | 27406   | 0.40%   | 0.040%  |
| 57         | 6.690 | 6.669 | 6.706 | VV | 1733   | 23874   | 0.35%   | 0.035%  |
| 58         | 6.716 | 6.706 | 6.736 | VV | 932    | 10280   | 0.15%   | 0.015%  |
| 59         | 6.764 | 6.736 | 6.782 | VV | 1025   | 15435   | 0.22%   | 0.023%  |
| 60         | 6.802 | 6.782 | 6.836 | VV | 1029   | 22659   | 0.33%   | 0.033%  |
| 61         | 6.859 | 6.836 | 6.894 | VV | 22173  | 225341  | 3.28%   | 0.329%  |
| 62         | 6.908 | 6.894 | 6.930 | VV | 502    | 8509    | 0.12%   | 0.012%  |
| 63         | 6.951 | 6.930 | 6.969 | VV | 1177   | 17688   | 0.26%   | 0.026%  |
| 64         | 6.992 | 6.969 | 7.022 | VV | 12566  | 127786  | 1.86%   | 0.187%  |
| 65         | 7.042 | 7.022 | 7.081 | VV | 1048   | 19804   | 0.29%   | 0.029%  |
| 66         | 7.111 | 7.081 | 7.126 | VV | 516    | 9276    | 0.14%   | 0.014%  |
| 67         | 7.144 | 7.126 | 7.157 | VV | 1437   | 16945   | 0.25%   | 0.025%  |
| 68         | 7.170 | 7.157 | 7.188 | VV | 1903   | 23473   | 0.34%   | 0.034%  |
| 69         | 7.204 | 7.188 | 7.219 | VV | 1386   | 15673   | 0.23%   | 0.023%  |
| 70         | 7.238 | 7.219 | 7.276 | VV | 1731   | 25472   | 0.37%   | 0.037%  |
| 71         | 7.316 | 7.276 | 7.332 | PV | 2162   | 28045   | 0.41%   | 0.041%  |
| 72         | 7.342 | 7.332 | 7.366 | VV | 885    | 13715   | 0.20%   | 0.020%  |
| 73         | 7.389 | 7.366 | 7.421 | VV | 2173   | 30106   | 0.44%   | 0.044%  |
| 74         | 7.477 | 7.421 | 7.517 | VV | 721612 | 6861832 | 100.00% | 10.019% |
| 75         | 7.526 | 7.517 | 7.549 | VV | 1243   | 20181   | 0.29%   | 0.029%  |
| 76         | 7.584 | 7.549 | 7.618 | VV | 6992   | 102920  | 1.50%   | 0.150%  |
| 77         | 7.641 | 7.618 | 7.671 | VV | 1687   | 29957   | 0.44%   | 0.044%  |
| 78         | 7.681 | 7.671 | 7.703 | VV | 560    | 9276    | 0.14%   | 0.014%  |
| 79         | 7.738 | 7.703 | 7.774 | VV | 3556   | 61022   | 0.89%   | 0.089%  |
| 80         | 7.791 | 7.774 | 7.816 | VV | 1851   | 27214   | 0.40%   | 0.040%  |
| 81         | 7.834 | 7.816 | 7.899 | VV | 6500   | 128087  | 1.87%   | 0.187%  |
| 82         | 7.952 | 7.899 | 7.967 | VV | 11652  | 141907  | 2.07%   | 0.207%  |
| 83         | 7.979 | 7.967 | 7.997 | VV | 7636   | 77731   | 1.13%   | 0.113%  |
| 84         | 8.014 | 7.997 | 8.027 | VV | 1910   | 27841   | 0.41%   | 0.041%  |
| 85         | 8.040 | 8.027 | 8.079 | VV | 2284   | 33205   | 0.48%   | 0.048%  |
| 86         | 8.132 | 8.079 | 8.172 | VV | 9205   | 173106  | 2.52%   | 0.253%  |
| 87         | 8.188 | 8.172 | 8.207 | VV | 607    | 8544    | 0.12%   | 0.012%  |
| 88         | 8.224 | 8.207 | 8.246 | VV | 2288   | 26412   | 0.38%   | 0.039%  |
| 89         | 8.251 | 8.246 | 8.262 | VV | 470    | 4256    | 0.06%   | 0.006%  |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 90  | 8.275  | 8.262  | 8.295  | VV | 582        | 6465    | 0.09%  | 0.009% |
| 91  | 8.333  | 8.295  | 8.368  | PV | 429497     | 4382631 | 63.87% | 6.399% |
| 92  | 8.378  | 8.368  | 8.405  | VV | 1912       | 33028   | 0.48%  | 0.048% |
| 93  | 8.428  | 8.405  | 8.454  | VV | 11685      | 125261  | 1.83%  | 0.183% |
| 94  | 8.479  | 8.454  | 8.519  | VV | 4128       | 61792   | 0.90%  | 0.090% |
| 95  | 8.544  | 8.519  | 8.564  | VV | 4833       | 64863   | 0.95%  | 0.095% |
| 96  | 8.574  | 8.564  | 8.609  | VV | 1284       | 24513   | 0.36%  | 0.036% |
| 97  | 8.624  | 8.609  | 8.642  | VV | 875        | 10370   | 0.15%  | 0.015% |
| 98  | 8.669  | 8.642  | 8.684  | VV | 4517       | 55553   | 0.81%  | 0.081% |
| 99  | 8.700  | 8.684  | 8.727  | VV | 12309      | 132467  | 1.93%  | 0.193% |
| 100 | 8.761  | 8.727  | 8.814  | VV | 6429       | 134849  | 1.97%  | 0.197% |
| 101 | 8.839  | 8.814  | 8.854  | VV | 4225       | 50775   | 0.74%  | 0.074% |
| 102 | 8.879  | 8.854  | 8.926  | VV | 5355       | 84277   | 1.23%  | 0.123% |
| 103 | 8.940  | 8.926  | 8.967  | VV | 418        | 5878    | 0.09%  | 0.009% |
| 104 | 8.994  | 8.967  | 9.010  | PV | 4885       | 54276   | 0.79%  | 0.079% |
| 105 | 9.025  | 9.010  | 9.041  | VV | 4178       | 44571   | 0.65%  | 0.065% |
| 106 | 9.051  | 9.041  | 9.067  | VV | 1663       | 21876   | 0.32%  | 0.032% |
| 107 | 9.073  | 9.067  | 9.091  | VV | 1361       | 12764   | 0.19%  | 0.019% |
| 108 | 9.129  | 9.091  | 9.150  | VV | 4749       | 66252   | 0.97%  | 0.097% |
| 109 | 9.164  | 9.150  | 9.182  | VV | 1067       | 14715   | 0.21%  | 0.021% |
| 110 | 9.208  | 9.182  | 9.261  | VV | 12360      | 160263  | 2.34%  | 0.234% |
| 111 | 9.289  | 9.261  | 9.307  | PV | 5754       | 68628   | 1.00%  | 0.100% |
| 112 | 9.317  | 9.307  | 9.338  | VV | 2320       | 33892   | 0.49%  | 0.049% |
| 113 | 9.358  | 9.338  | 9.379  | VV | 3387       | 50671   | 0.74%  | 0.074% |
| 114 | 9.393  | 9.379  | 9.404  | VV | 2362       | 25947   | 0.38%  | 0.038% |
| 115 | 9.418  | 9.404  | 9.441  | VV | 3769       | 45091   | 0.66%  | 0.066% |
| 116 | 9.462  | 9.441  | 9.485  | VV | 2180       | 35868   | 0.52%  | 0.052% |
| 117 | 9.531  | 9.485  | 9.556  | VV | 5154       | 78658   | 1.15%  | 0.115% |
| 118 | 9.586  | 9.556  | 9.602  | VV | 1570       | 32377   | 0.47%  | 0.047% |
| 119 | 9.631  | 9.602  | 9.676  | VV | 7634       | 115425  | 1.68%  | 0.169% |
| 120 | 9.691  | 9.676  | 9.709  | VV | 1939       | 21106   | 0.31%  | 0.031% |
| 121 | 9.730  | 9.709  | 9.762  | VV | 1051       | 18982   | 0.28%  | 0.028% |
| 122 | 9.796  | 9.762  | 9.839  | VV | 1741       | 31735   | 0.46%  | 0.046% |
| 123 | 9.855  | 9.839  | 9.884  | VV | 528        | 7397    | 0.11%  | 0.011% |
| 124 | 9.897  | 9.884  | 9.929  | PV | 618        | 9614    | 0.14%  | 0.014% |
| 125 | 9.953  | 9.929  | 9.969  | VV | 2124       | 26445   | 0.39%  | 0.039% |
| 126 | 9.984  | 9.969  | 9.997  | VV | 1766       | 19534   | 0.28%  | 0.029% |
| 127 | 10.023 | 9.997  | 10.039 | VV | 1920       | 31597   | 0.46%  | 0.046% |
| 128 | 10.087 | 10.039 | 10.108 | VV | 5882       | 120512  | 1.76%  | 0.176% |
| 129 | 10.126 | 10.108 | 10.152 | VV | 4642       | 63106   | 0.92%  | 0.092% |
| 130 | 10.205 | 10.152 | 10.237 | VV | 4300       | 97172   | 1.42%  | 0.142% |
| 131 | 10.268 | 10.237 | 10.312 | VV | 3107       | 86776   | 1.26%  | 0.127% |
| 132 | 10.336 | 10.312 | 10.351 | VV | 1614       | 30155   | 0.44%  | 0.044% |
| 133 | 10.375 | 10.351 | 10.390 | VV | 7129       | 92181   | 1.34%  | 0.135% |
| 134 | 10.407 | 10.390 | 10.427 | VV | 8110       | 105949  | 1.54%  | 0.155% |
| 135 | 10.437 | 10.427 | 10.452 | VV | 2865       | 34176   | 0.50%  | 0.050% |
| 136 | 10.460 | 10.452 | 10.492 | VV | 1827       | 35567   | 0.52%  | 0.052% |
| 137 | 10.508 | 10.492 | 10.524 | VV | 3392       | 36661   | 0.53%  | 0.054% |
| 138 | 10.540 | 10.524 | 10.556 | VV | 1008       | 14648   | 0.21%  | 0.021% |
| 139 | 10.603 | 10.556 | 10.650 | VV | 127105     | 1382057 | 20.14% | 2.018% |
| 140 | 10.677 | 10.650 | 10.722 | VV | 32099      | 367067  | 5.35%  | 0.536% |
| 141 | 10.746 | 10.722 | 10.764 | VV | 819        | 14837   | 0.22%  | 0.022% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 10.790 | 10.764 | 10.846 | VV | 1415   | 31574   | 0.46%  | 0.046% |
| 143        | 10.894 | 10.846 | 10.937 | PV | 10962  | 155797  | 2.27%  | 0.227% |
| 144        | 10.962 | 10.937 | 10.981 | VV | 1854   | 32217   | 0.47%  | 0.047% |
| 145        | 10.998 | 10.981 | 11.025 | VV | 2338   | 44554   | 0.65%  | 0.065% |
|            |        |        |        |    |        |         |        |        |
| 146        | 11.041 | 11.025 | 11.061 | VV | 1636   | 26762   | 0.39%  | 0.039% |
| 147        | 11.079 | 11.061 | 11.106 | VV | 2584   | 52371   | 0.76%  | 0.076% |
| 148        | 11.125 | 11.106 | 11.136 | VV | 4626   | 56995   | 0.83%  | 0.083% |
| 149        | 11.144 | 11.136 | 11.173 | VV | 4016   | 47121   | 0.69%  | 0.069% |
| 150        | 11.204 | 11.173 | 11.224 | VV | 3126   | 50752   | 0.74%  | 0.074% |
|            |        |        |        |    |        |         |        |        |
| 151        | 11.254 | 11.224 | 11.282 | VV | 4701   | 73974   | 1.08%  | 0.108% |
| 152        | 11.299 | 11.282 | 11.311 | VV | 1282   | 17214   | 0.25%  | 0.025% |
| 153        | 11.322 | 11.311 | 11.349 | VV | 1251   | 19282   | 0.28%  | 0.028% |
| 154        | 11.383 | 11.349 | 11.419 | VV | 521584 | 5832746 | 85.00% | 8.516% |
| 155        | 11.434 | 11.419 | 11.466 | VV | 29470  | 325859  | 4.75%  | 0.476% |
|            |        |        |        |    |        |         |        |        |
| 156        | 11.517 | 11.466 | 11.535 | VV | 22303  | 365427  | 5.33%  | 0.534% |
| 157        | 11.553 | 11.535 | 11.567 | VV | 18210  | 209011  | 3.05%  | 0.305% |
| 158        | 11.583 | 11.567 | 11.614 | VV | 22928  | 267339  | 3.90%  | 0.390% |
| 159        | 11.628 | 11.614 | 11.647 | VV | 1330   | 14924   | 0.22%  | 0.022% |
| 160        | 11.666 | 11.647 | 11.682 | PV | 2081   | 25498   | 0.37%  | 0.037% |
|            |        |        |        |    |        |         |        |        |
| 161        | 11.741 | 11.682 | 11.762 | VV | 3254   | 96246   | 1.40%  | 0.141% |
| 162        | 11.798 | 11.762 | 11.821 | VV | 3631   | 74309   | 1.08%  | 0.108% |
| 163        | 11.876 | 11.821 | 11.917 | VV | 15177  | 242274  | 3.53%  | 0.354% |
| 164        | 11.937 | 11.917 | 11.959 | VV | 4225   | 64344   | 0.94%  | 0.094% |
| 165        | 11.972 | 11.959 | 11.997 | VV | 1442   | 26095   | 0.38%  | 0.038% |
|            |        |        |        |    |        |         |        |        |
| 166        | 12.021 | 11.997 | 12.038 | VV | 3289   | 47299   | 0.69%  | 0.069% |
| 167        | 12.052 | 12.038 | 12.067 | VV | 2151   | 27514   | 0.40%  | 0.040% |
| 168        | 12.085 | 12.067 | 12.107 | VV | 2709   | 48062   | 0.70%  | 0.070% |
| 169        | 12.126 | 12.107 | 12.136 | VV | 4204   | 53186   | 0.78%  | 0.078% |
| 170        | 12.149 | 12.136 | 12.172 | VV | 4787   | 65594   | 0.96%  | 0.096% |
|            |        |        |        |    |        |         |        |        |
| 171        | 12.194 | 12.172 | 12.231 | VV | 9101   | 185158  | 2.70%  | 0.270% |
| 172        | 12.270 | 12.231 | 12.280 | VV | 4649   | 90049   | 1.31%  | 0.131% |
| 173        | 12.302 | 12.280 | 12.322 | VV | 22968  | 308987  | 4.50%  | 0.451% |
| 174        | 12.338 | 12.322 | 12.353 | VV | 10862  | 156095  | 2.27%  | 0.228% |
| 175        | 12.367 | 12.353 | 12.388 | VV | 9910   | 155645  | 2.27%  | 0.227% |
|            |        |        |        |    |        |         |        |        |
| 176        | 12.417 | 12.388 | 12.490 | VV | 239176 | 2665124 | 38.84% | 3.891% |
| 177        | 12.514 | 12.490 | 12.525 | VV | 2712   | 35104   | 0.51%  | 0.051% |
| 178        | 12.549 | 12.525 | 12.566 | VV | 7160   | 105077  | 1.53%  | 0.153% |
| 179        | 12.599 | 12.566 | 12.622 | VV | 9746   | 196350  | 2.86%  | 0.287% |
| 180        | 12.639 | 12.622 | 12.684 | VV | 5891   | 159936  | 2.33%  | 0.234% |
|            |        |        |        |    |        |         |        |        |
| 181        | 12.713 | 12.684 | 12.739 | VV | 218421 | 2395783 | 34.91% | 3.498% |
| 182        | 12.768 | 12.739 | 12.784 | VV | 20828  | 276107  | 4.02%  | 0.403% |
| 183        | 12.825 | 12.784 | 12.863 | VV | 213859 | 2851194 | 41.55% | 4.163% |
| 184        | 12.886 | 12.863 | 12.912 | VV | 8867   | 148831  | 2.17%  | 0.217% |
| 185        | 12.920 | 12.912 | 12.942 | VV | 2935   | 30499   | 0.44%  | 0.045% |
|            |        |        |        |    |        |         |        |        |
| 186        | 12.980 | 12.942 | 13.027 | PV | 14284  | 289377  | 4.22%  | 0.423% |
| 187        | 13.049 | 13.027 | 13.083 | VV | 10106  | 165529  | 2.41%  | 0.242% |
| 188        | 13.110 | 13.083 | 13.127 | PV | 10213  | 126752  | 1.85%  | 0.185% |
| 189        | 13.171 | 13.127 | 13.207 | VV | 18165  | 383550  | 5.59%  | 0.560% |
| 190        | 13.220 | 13.207 | 13.232 | VV | 2829   | 36386   | 0.53%  | 0.053% |
|            |        |        |        |    |        |         |        |        |
| 191        | 13.300 | 13.232 | 13.332 | VV | 41173  | 722468  | 10.53% | 1.055% |
| 192        | 13.349 | 13.332 | 13.359 | VV | 3079   | 39463   | 0.58%  | 0.058% |
| 193        | 13.370 | 13.359 | 13.385 | VV | 4571   | 51006   | 0.74%  | 0.074% |
| 194        | 13.408 | 13.385 | 13.427 | VV | 20315  | 270526  | 3.94%  | 0.395% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.445 | 13.427 | 13.466 | VV | 25209      | 296858  | 4.33%  | 0.433% |
| 196 | 13.487 | 13.466 | 13.514 | VV | 8751       | 150565  | 2.19%  | 0.220% |
| 197 | 13.574 | 13.514 | 13.594 | VV | 29880      | 531788  | 7.75%  | 0.776% |
| 198 | 13.613 | 13.594 | 13.667 | VV | 20134      | 291810  | 4.25%  | 0.426% |
| 199 | 13.692 | 13.667 | 13.711 | VV | 3278       | 61277   | 0.89%  | 0.089% |
| 200 | 13.724 | 13.711 | 13.747 | VV | 2446       | 40782   | 0.59%  | 0.060% |
| 201 | 13.759 | 13.747 | 13.770 | VV | 2619       | 28927   | 0.42%  | 0.042% |
| 202 | 13.781 | 13.770 | 13.801 | VV | 2238       | 34722   | 0.51%  | 0.051% |
| 203 | 13.814 | 13.801 | 13.864 | VV | 1856       | 34071   | 0.50%  | 0.050% |
| 204 | 13.883 | 13.864 | 13.898 | PV | 3050       | 32939   | 0.48%  | 0.048% |
| 205 | 13.919 | 13.898 | 13.950 | VV | 2964       | 50754   | 0.74%  | 0.074% |
| 206 | 13.998 | 13.950 | 14.006 | VV | 10929      | 185947  | 2.71%  | 0.272% |
| 207 | 14.030 | 14.006 | 14.070 | VV | 24672      | 409392  | 5.97%  | 0.598% |
| 208 | 14.134 | 14.070 | 14.178 | VV | 10240      | 308084  | 4.49%  | 0.450% |
| 209 | 14.208 | 14.178 | 14.227 | VV | 19440      | 285456  | 4.16%  | 0.417% |
| 210 | 14.236 | 14.227 | 14.252 | VV | 9078       | 111165  | 1.62%  | 0.162% |
| 211 | 14.272 | 14.252 | 14.294 | VV | 43924      | 520990  | 7.59%  | 0.761% |
| 212 | 14.302 | 14.294 | 14.319 | VV | 6032       | 57006   | 0.83%  | 0.083% |
| 213 | 14.340 | 14.319 | 14.367 | VV | 5669       | 100407  | 1.46%  | 0.147% |
| 214 | 14.400 | 14.367 | 14.416 | VV | 7724       | 124282  | 1.81%  | 0.181% |
| 215 | 14.452 | 14.416 | 14.502 | VV | 7637       | 225247  | 3.28%  | 0.329% |
| 216 | 14.535 | 14.502 | 14.546 | PV | 2960       | 40512   | 0.59%  | 0.059% |
| 217 | 14.585 | 14.546 | 14.605 | VV | 129137     | 1636751 | 23.85% | 2.390% |
| 218 | 14.626 | 14.605 | 14.657 | VV | 141090     | 1641919 | 23.93% | 2.397% |
| 219 | 14.677 | 14.657 | 14.699 | VV | 7541       | 117260  | 1.71%  | 0.171% |
| 220 | 14.744 | 14.699 | 14.767 | VV | 27711      | 448477  | 6.54%  | 0.655% |
| 221 | 14.786 | 14.767 | 14.804 | VV | 9142       | 153296  | 2.23%  | 0.224% |
| 222 | 14.823 | 14.804 | 14.859 | VV | 11411      | 161518  | 2.35%  | 0.236% |
| 223 | 14.887 | 14.859 | 14.906 | PV | 14654      | 237795  | 3.47%  | 0.347% |
| 224 | 14.917 | 14.906 | 14.937 | VV | 10684      | 154125  | 2.25%  | 0.225% |
| 225 | 14.945 | 14.937 | 14.980 | VV | 5260       | 85892   | 1.25%  | 0.125% |
| 226 | 15.029 | 14.980 | 15.087 | VV | 8245       | 279390  | 4.07%  | 0.408% |
| 227 | 15.096 | 15.087 | 15.116 | VV | 3401       | 39575   | 0.58%  | 0.058% |
| 228 | 15.172 | 15.116 | 15.187 | VV | 7342       | 148915  | 2.17%  | 0.217% |
| 229 | 15.212 | 15.187 | 15.232 | VV | 13085      | 208011  | 3.03%  | 0.304% |
| 230 | 15.256 | 15.232 | 15.276 | VV | 41120      | 544760  | 7.94%  | 0.795% |
| 231 | 15.294 | 15.276 | 15.320 | VV | 19825      | 306353  | 4.46%  | 0.447% |
| 232 | 15.335 | 15.320 | 15.349 | VV | 7220       | 97219   | 1.42%  | 0.142% |
| 233 | 15.395 | 15.349 | 15.402 | VV | 16749      | 304480  | 4.44%  | 0.445% |
| 234 | 15.417 | 15.402 | 15.467 | VV | 21389      | 432389  | 6.30%  | 0.631% |
| 235 | 15.497 | 15.467 | 15.518 | VV | 8025       | 175589  | 2.56%  | 0.256% |
| 236 | 15.539 | 15.518 | 15.559 | VV | 5525       | 99972   | 1.46%  | 0.146% |
| 237 | 15.579 | 15.559 | 15.607 | VV | 10474      | 167194  | 2.44%  | 0.244% |
| 238 | 15.650 | 15.607 | 15.658 | VV | 4822       | 115802  | 1.69%  | 0.169% |
| 239 | 15.695 | 15.658 | 15.729 | VV | 7321       | 217496  | 3.17%  | 0.318% |
| 240 | 15.756 | 15.729 | 15.776 | VV | 5264       | 105733  | 1.54%  | 0.154% |
| 241 | 15.783 | 15.776 | 15.804 | VV | 4172       | 39867   | 0.58%  | 0.058% |
| 242 | 15.861 | 15.804 | 15.880 | PV | 14314      | 282840  | 4.12%  | 0.413% |
| 243 | 15.890 | 15.880 | 15.907 | VV | 8632       | 96150   | 1.40%  | 0.140% |
| 244 | 15.961 | 15.907 | 15.986 | VV | 10485      | 280754  | 4.09%  | 0.410% |
| 245 | 16.001 | 15.986 | 16.014 | VV | 6805       | 90249   | 1.32%  | 0.132% |
| 246 | 16.022 | 16.014 | 16.041 | VV | 5583       | 80752   | 1.18%  | 0.118% |

| rteres.txt              |        |        |        |    |        |         |        |        |
|-------------------------|--------|--------|--------|----|--------|---------|--------|--------|
| 247                     | 16.061 | 16.041 | 16.094 | VV | 12207  | 210051  | 3.06%  | 0.307% |
| 248                     | 16.140 | 16.094 | 16.157 | PV | 151396 | 2205360 | 32.14% | 3.220% |
| 249                     | 16.166 | 16.157 | 16.212 | VV | 70738  | 812157  | 11.84% | 1.186% |
| 250                     | 16.266 | 16.212 | 16.287 | VV | 32456  | 533931  | 7.78%  | 0.780% |
| 251                     | 16.305 | 16.287 | 16.355 | VV | 10401  | 248993  | 3.63%  | 0.364% |
| 252                     | 16.383 | 16.355 | 16.404 | VV | 7772   | 142190  | 2.07%  | 0.208% |
| 253                     | 16.456 | 16.404 | 16.487 | VV | 97383  | 1639484 | 23.89% | 2.394% |
| 254                     | 16.515 | 16.487 | 16.552 | VV | 126639 | 1618205 | 23.58% | 2.363% |
| 255                     | 16.614 | 16.552 | 16.641 | VV | 35691  | 625491  | 9.12%  | 0.913% |
| 256                     | 16.661 | 16.641 | 16.674 | VV | 10655  | 172593  | 2.52%  | 0.252% |
| 257                     | 16.686 | 16.674 | 16.706 | VV | 9530   | 130548  | 1.90%  | 0.191% |
| 258                     | 16.730 | 16.706 | 16.742 | VV | 9903   | 173166  | 2.52%  | 0.253% |
| 259                     | 16.766 | 16.742 | 16.800 | VV | 11739  | 295859  | 4.31%  | 0.432% |
| 260                     | 16.823 | 16.800 | 16.841 | VV | 8975   | 146964  | 2.14%  | 0.215% |
| 261                     | 16.881 | 16.841 | 16.921 | VV | 20319  | 588533  | 8.58%  | 0.859% |
| 262                     | 16.928 | 16.921 | 16.956 | VV | 9410   | 172431  | 2.51%  | 0.252% |
| 263                     | 16.974 | 16.956 | 16.987 | VV | 8185   | 121160  | 1.77%  | 0.177% |
| 264                     | 17.015 | 16.987 | 17.027 | VV | 18581  | 307383  | 4.48%  | 0.449% |
| 265                     | 17.036 | 17.027 | 17.072 | VV | 15727  | 232046  | 3.38%  | 0.339% |
| 266                     | 17.097 | 17.072 | 17.116 | VV | 13690  | 215268  | 3.14%  | 0.314% |
| 267                     | 17.125 | 17.116 | 17.146 | VV | 8316   | 109044  | 1.59%  | 0.159% |
| 268                     | 17.169 | 17.146 | 17.199 | VV | 13283  | 281344  | 4.10%  | 0.411% |
| 269                     | 17.211 | 17.199 | 17.228 | VV | 6688   | 88685   | 1.29%  | 0.129% |
| 270                     | 17.249 | 17.228 | 17.270 | VV | 8291   | 130944  | 1.91%  | 0.191% |
| 271                     | 17.282 | 17.270 | 17.336 | VV | 5087   | 112677  | 1.64%  | 0.165% |
| 272                     | 17.353 | 17.336 | 17.399 | PV | 4370   | 90803   | 1.32%  | 0.133% |
| 273                     | 17.414 | 17.399 | 17.429 | VV | 3743   | 56693   | 0.83%  | 0.083% |
| 274                     | 17.482 | 17.429 | 17.498 | VV | 8783   | 256886  | 3.74%  | 0.375% |
| 275                     | 17.511 | 17.498 | 17.546 | VV | 10582  | 211500  | 3.08%  | 0.309% |
| 276                     | 17.563 | 17.546 | 17.591 | VV | 7518   | 150492  | 2.19%  | 0.220% |
| 277                     | 17.607 | 17.591 | 17.627 | VV | 9367   | 140472  | 2.05%  | 0.205% |
| 278                     | 17.670 | 17.627 | 17.706 | VV | 11737  | 403341  | 5.88%  | 0.589% |
| 279                     | 17.719 | 17.706 | 17.756 | VV | 4556   | 88178   | 1.29%  | 0.129% |
| 280                     | 17.788 | 17.756 | 17.818 | VV | 22837  | 369988  | 5.39%  | 0.540% |
| 281                     | 17.824 | 17.818 | 17.849 | VV | 8060   | 100430  | 1.46%  | 0.147% |
| 282                     | 17.879 | 17.849 | 17.905 | VV | 79811  | 1142941 | 16.66% | 1.669% |
| 283                     | 17.923 | 17.905 | 17.946 | VV | 15647  | 294595  | 4.29%  | 0.430% |
| 284                     | 17.966 | 17.946 | 17.987 | VV | 12310  | 208086  | 3.03%  | 0.304% |
| 285                     | 18.014 | 17.987 | 18.031 | VV | 24176  | 360118  | 5.25%  | 0.526% |
| 286                     | 18.042 | 18.031 | 18.081 | VV | 19166  | 293409  | 4.28%  | 0.428% |
| 287                     | 18.088 | 18.081 | 18.104 | VV | 4540   | 40007   | 0.58%  | 0.058% |
| 288                     | 18.132 | 18.104 | 18.160 | VV | 77624  | 1012066 | 14.75% | 1.478% |
| 289                     | 18.172 | 18.160 | 18.192 | VV | 4643   | 53271   | 0.78%  | 0.078% |
| Sum of corrected areas: |        |        |        |    |        | 6848887 |        |        |

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